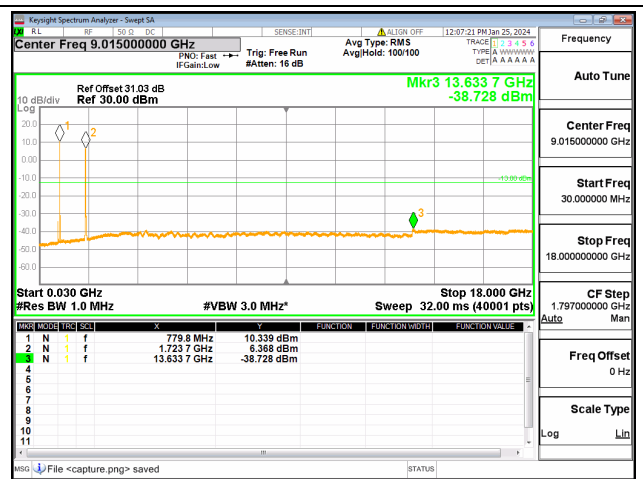
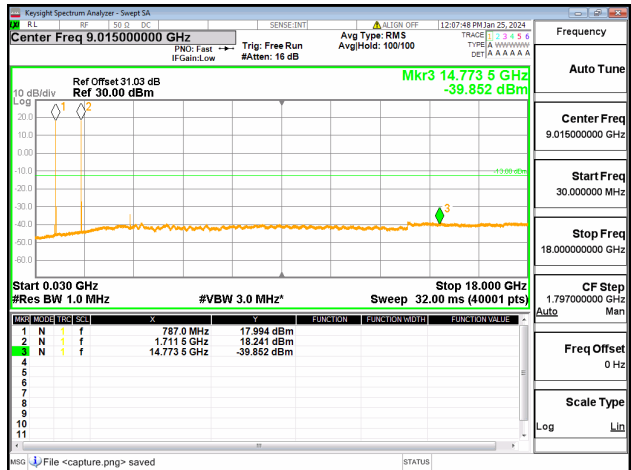


4A-13A / 20+10MHz / QPSK / Low+Mid CH /  
1@99-1@0



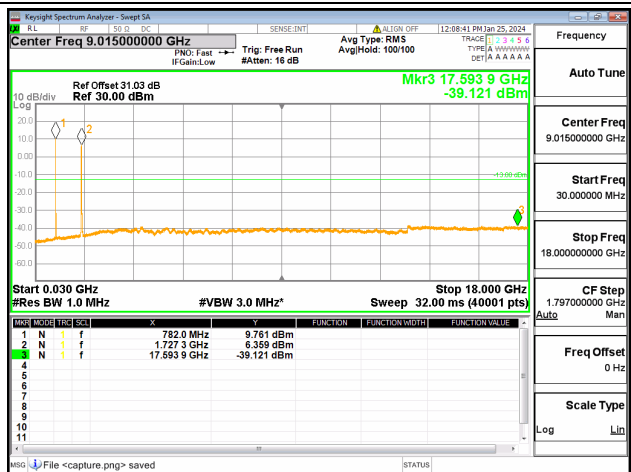
4A-13A / 20+10MHz / QPSK / Low+Mid CH /  
100@0-50@0



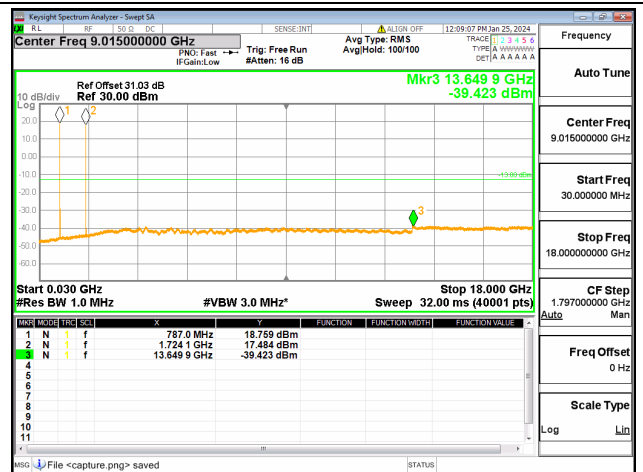
4A-13A / 20+10MHz / QPSK / Low+High CH /  
1@0-1@49



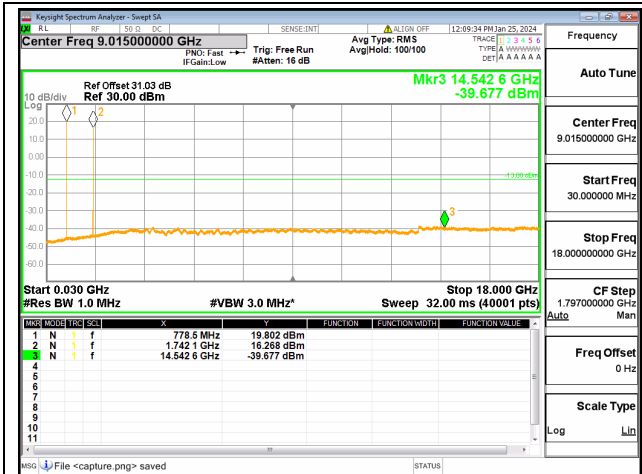
4A-13A / 20+10MHz / QPSK / Low+High CH /  
1@99-1@0



4A-13A / 20+10MHz / QPSK / Low+High CH /  
100@0-50@0



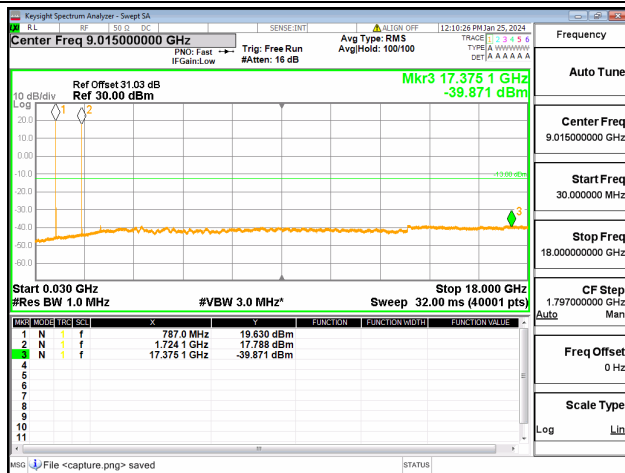
4A-13A / 20+10MHz / QPSK / Mid+Low CH /  
1@0-1@49



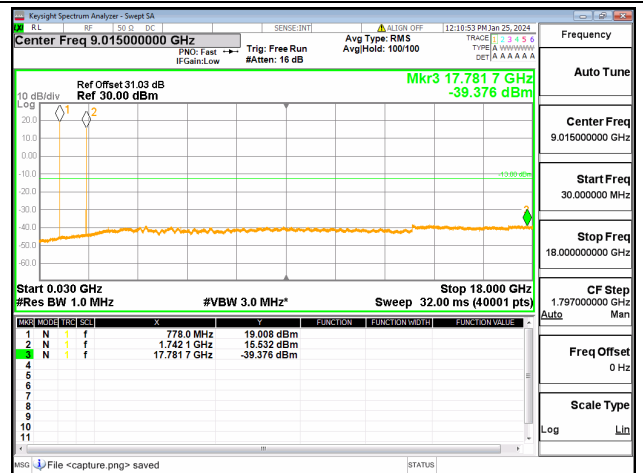
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1@99-1@0



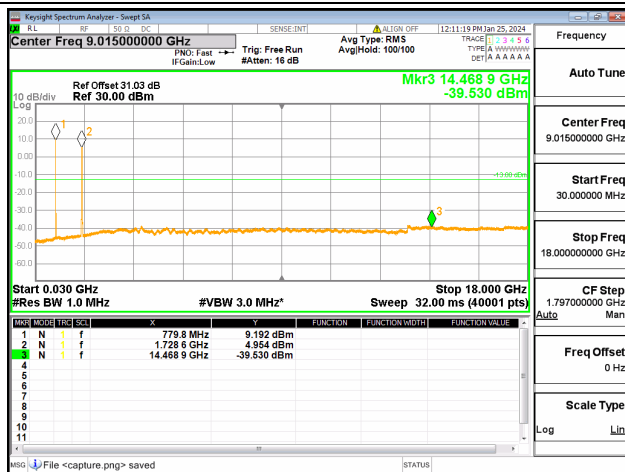
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100@0-50@0



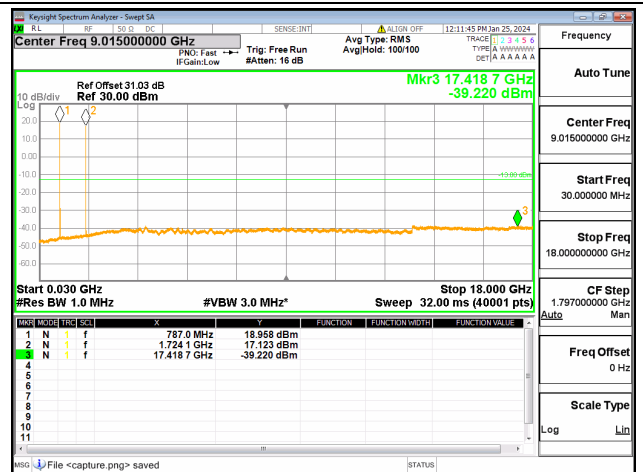
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1@0-1@49



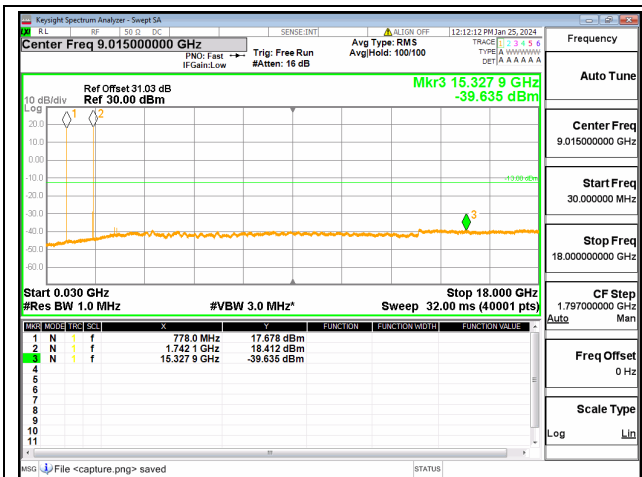
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1@99-1@0



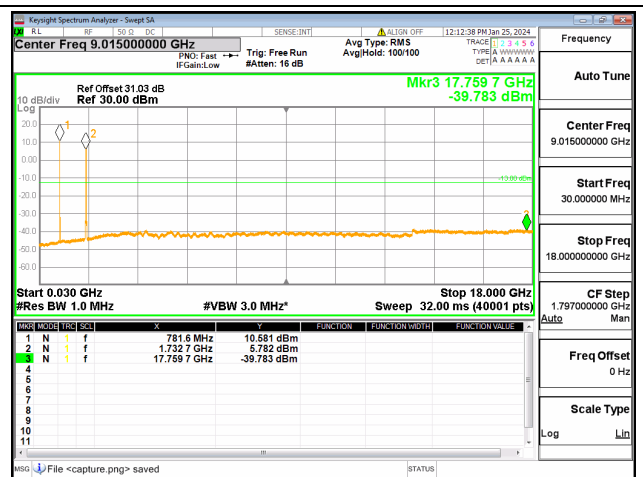
4A-13A / 20+10MHz / QPSK / Mid+Mid CH /  
100@0-50@0



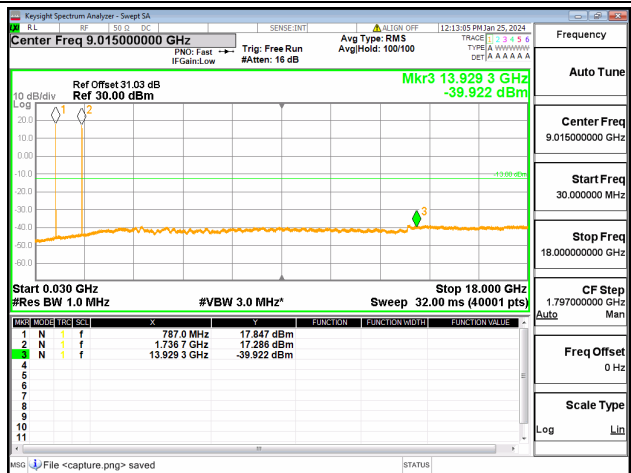
4A-13A / 20+10MHz / QPSK / Mid+High CH /  
1@0-1@49



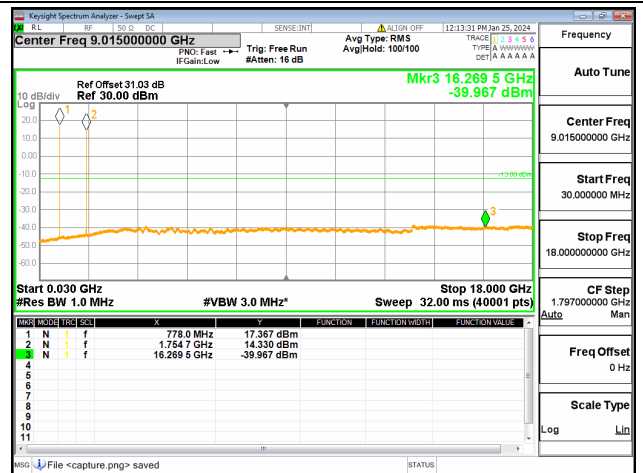
4A-13A / 20+10MHz / QPSK / Mid+High CH / 1@99-1@0



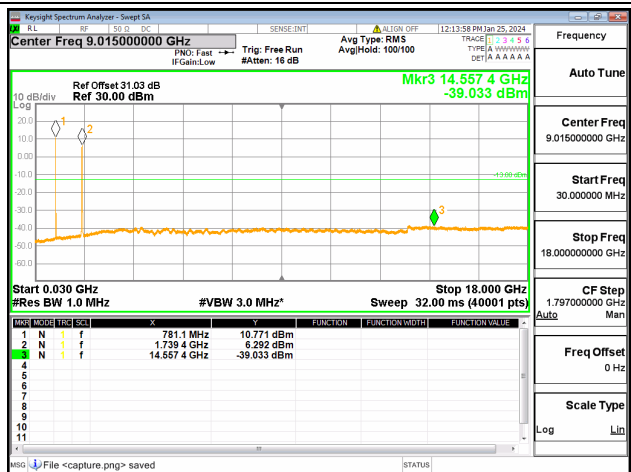
4A-13A / 20+10MHz / QPSK / Mid+High CH / 100@0-50@0



4A-13A / 20+10MHz / QPSK / High+Low CH / 1@0-1@49



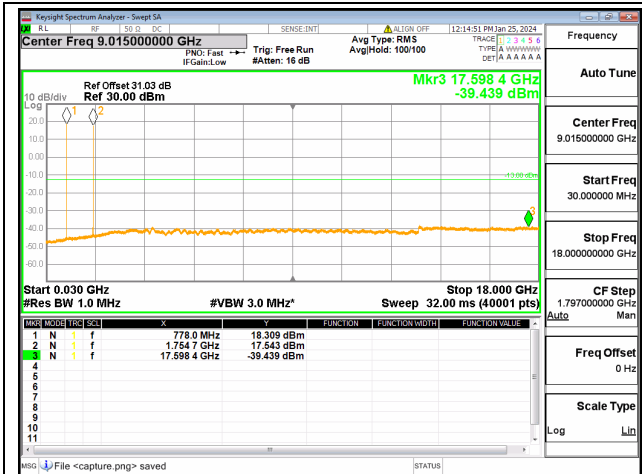
4A-13A / 20+10MHz / QPSK / High+Low CH / 1@99-1@0



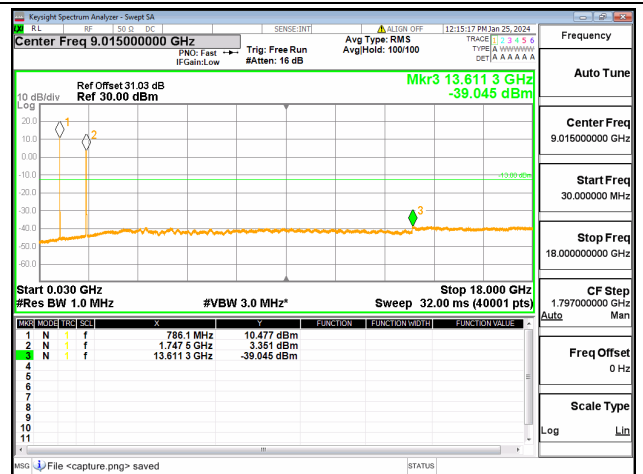
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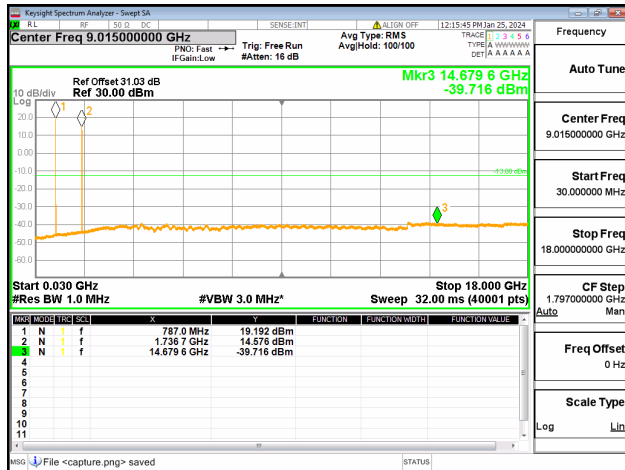
4A-13A / 20+10MHz / QPSK / High+Mid CH / 1@0-1@49



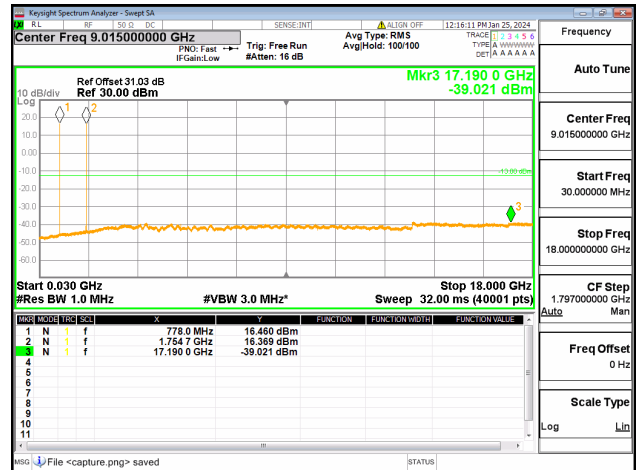
4A-13A / 20+10MHz / QPSK / High+Mid CH /  
1@99-1@0



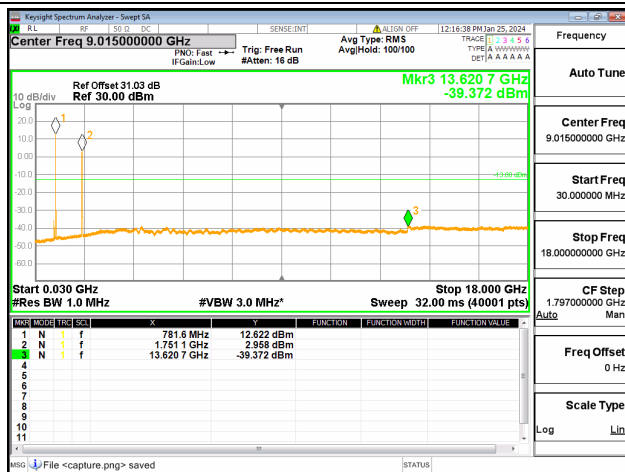
4A-13A / 20+10MHz / QPSK / High+Mid CH /  
100@0-50@0



4A-13A / 20+10MHz / QPSK / High+High CH /  
1@0-1@49

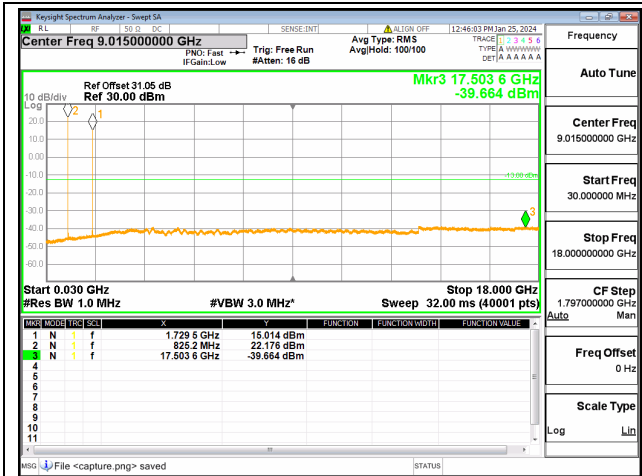


4A-13A / 20+10MHz / QPSK / High+High CH /  
1@99-1@0

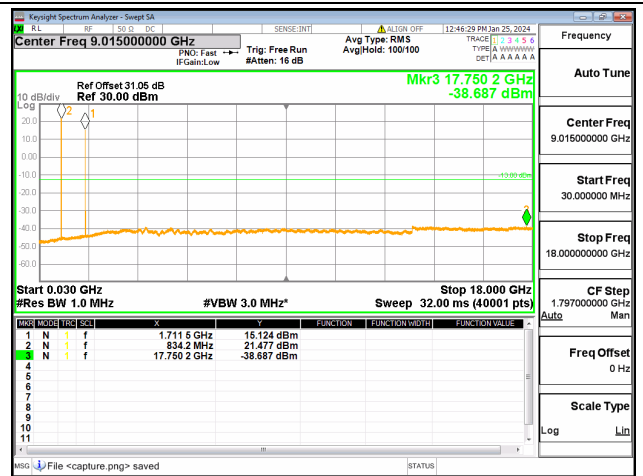


4A-13A / 20+10MHz / QPSK / High+High CH /  
100@0-50@0

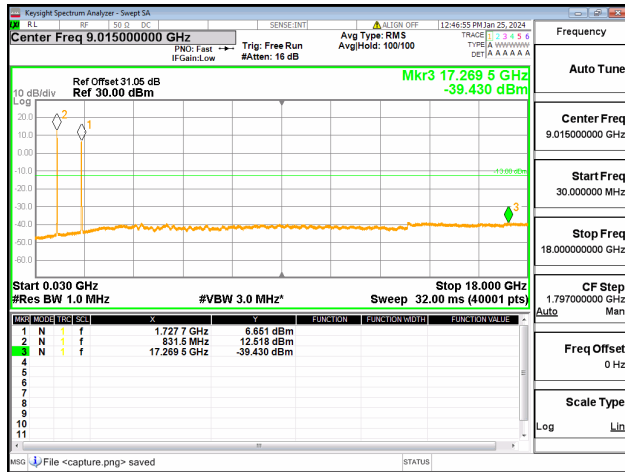
N/A



5A-66A / 10+20MHz / QPSK / Low+Low CH /  
1@0-1@99



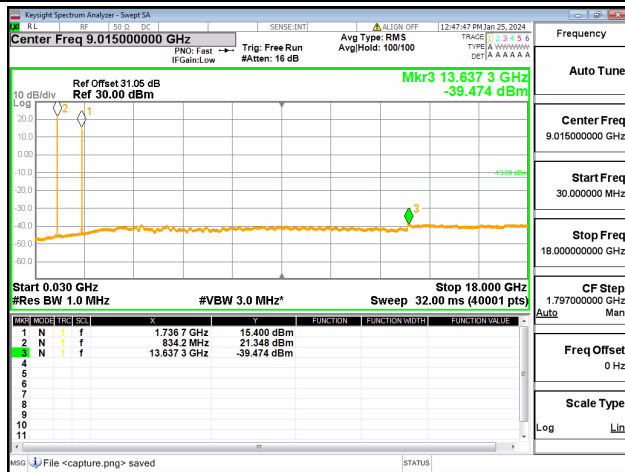
5A-66A / 10+20MHz / QPSK / Low+Low CH /  
1@49-1@0



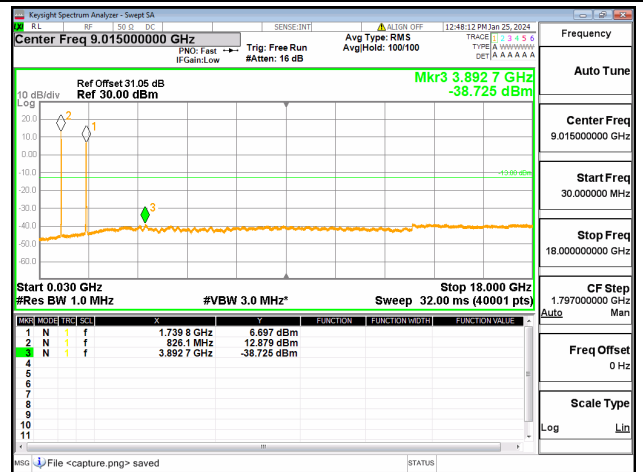
5A-66A / 10+20MHz / QPSK / Low+Low CH /  
50@0-100@0



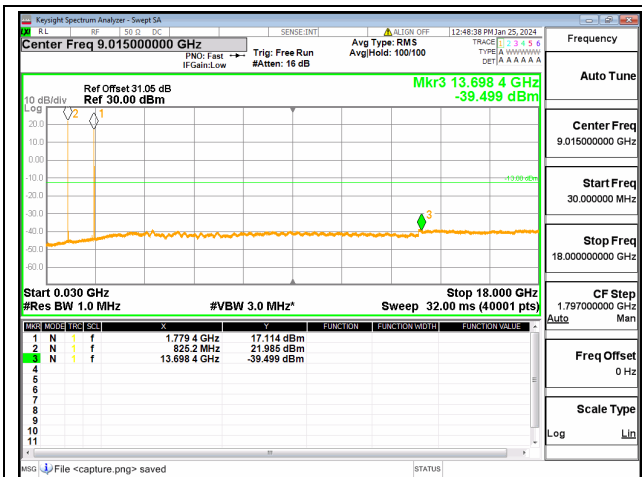
5A-66A / 10+20MHz / QPSK / Low+Mid CH /  
1@0-1@99



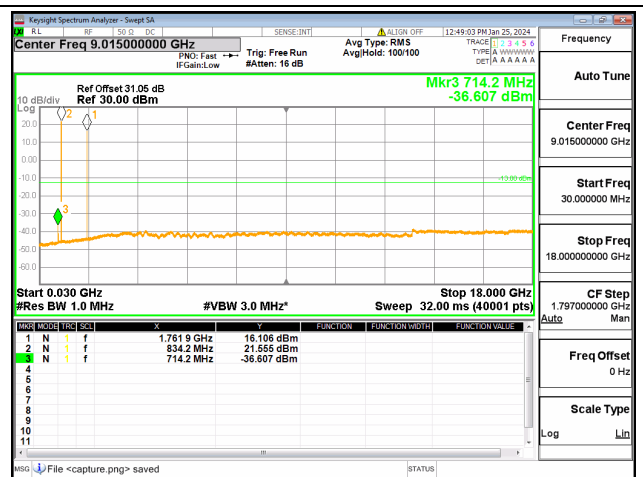
5A-66A / 10+20MHz / QPSK / Low+Mid CH /  
1@49-1@0



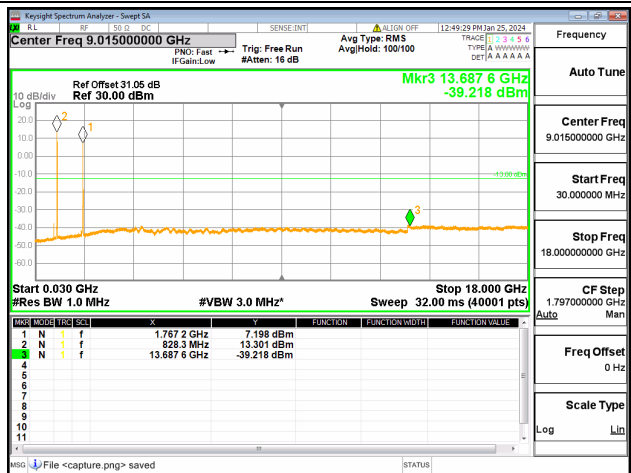
5A-66A / 10+20MHz / QPSK / Low+Mid CH /  
50@0-100@0



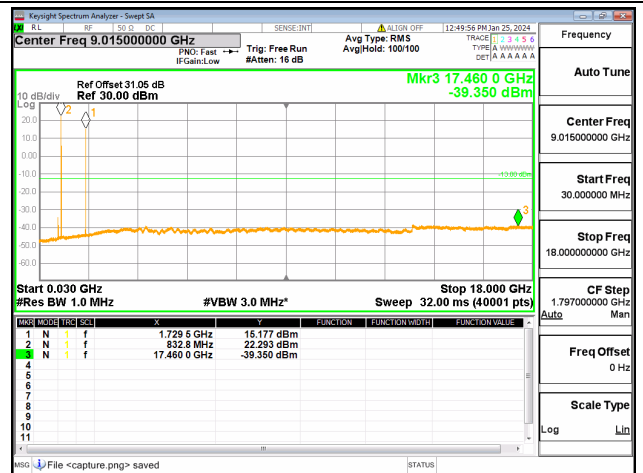
5A-66A / 10+20MHz / QPSK / Low+High CH /  
1@0-1@99



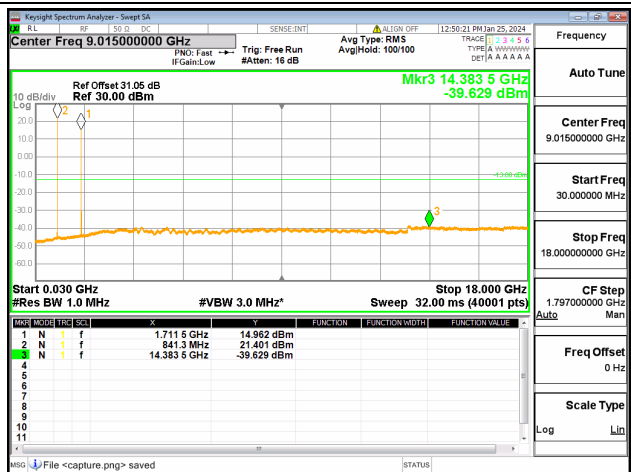
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1@49-1@0



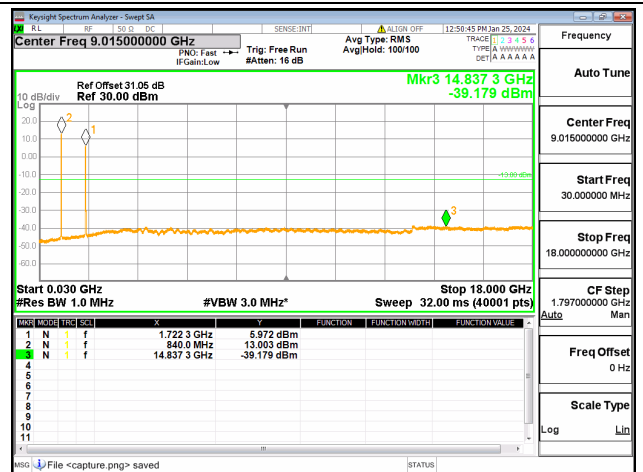
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50@0-100@0



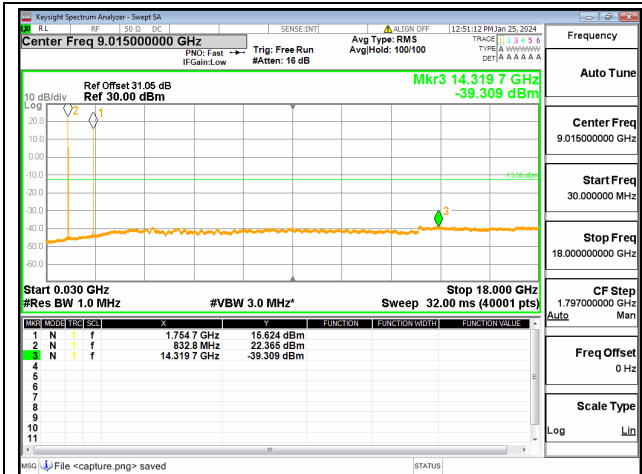
5A-66A / 10+20MHz / QPSK / Mid+Low CH /  
1@0-1@99



5A-66A / 10+20MHz / QPSK / Mid+Low CH /  
1@49-1@0



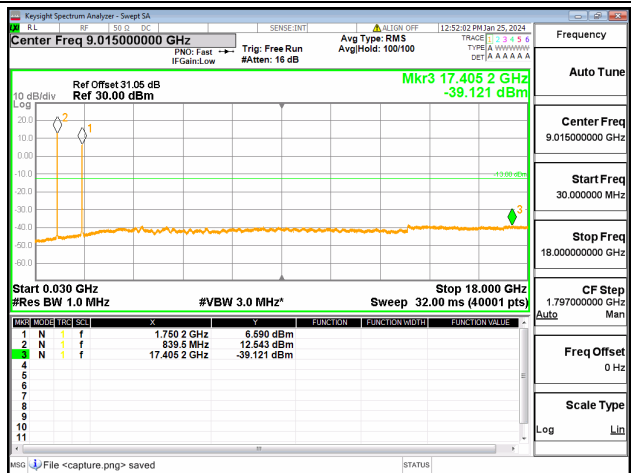
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50@0-100@0



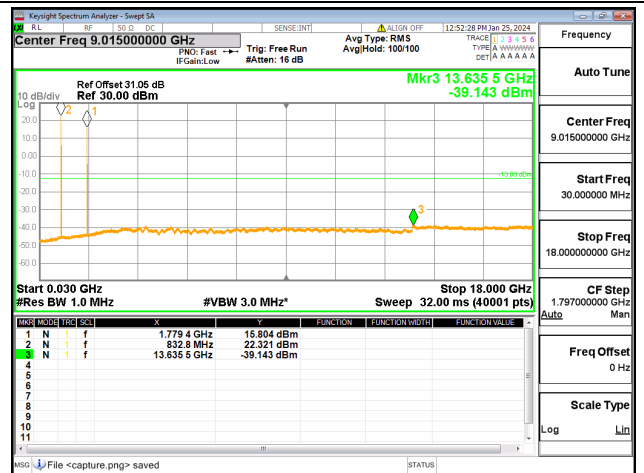
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1@0-1@99



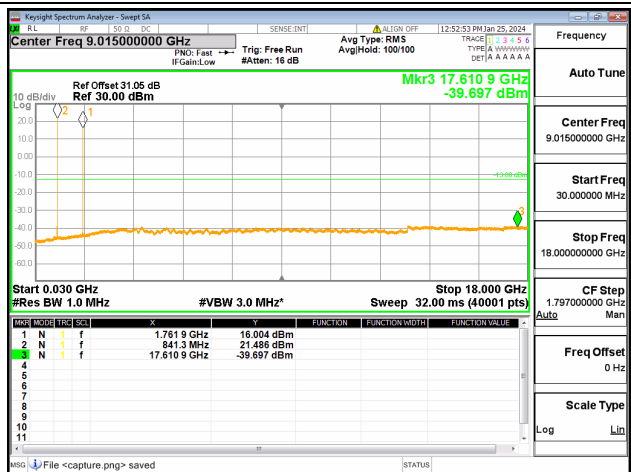
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1@49-1@0



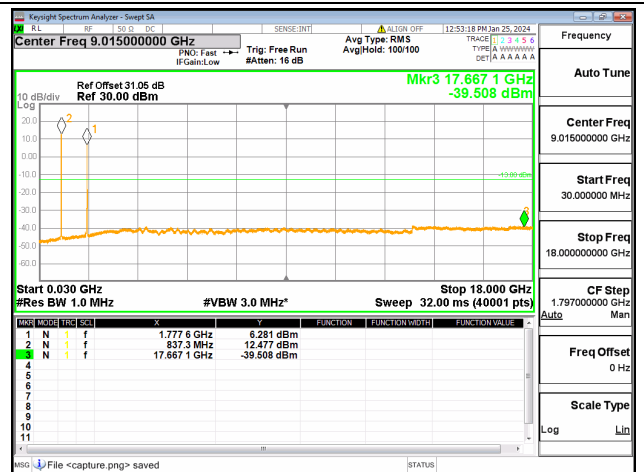
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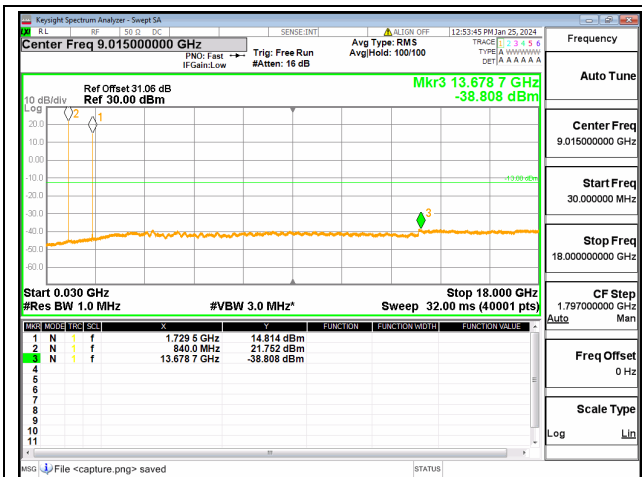
5A-66A / 10+20MHz / QPSK / Mid+High CH /  
1@0-1@99



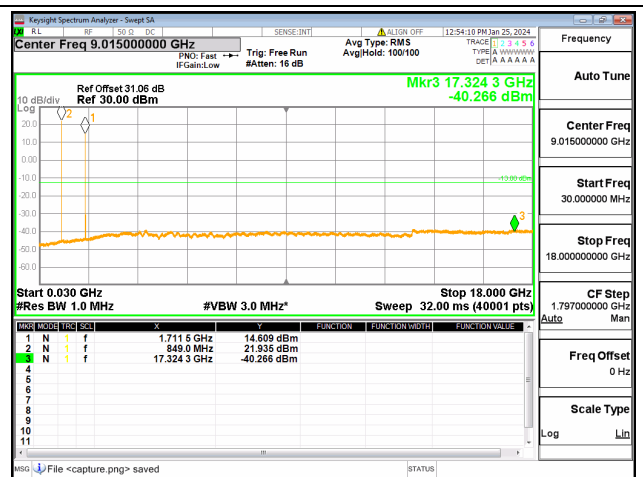
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1@49-1@0



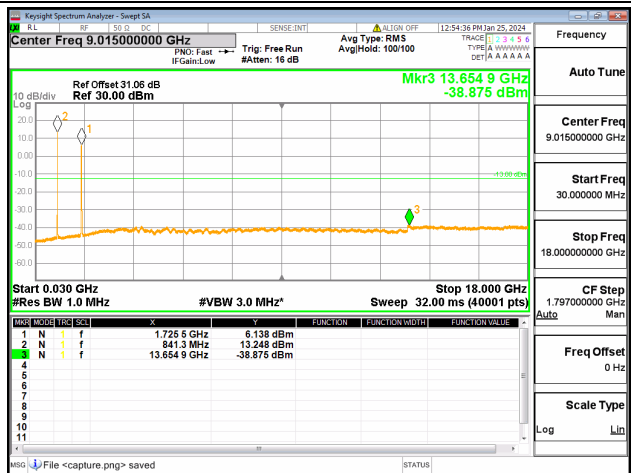
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50@0-100@0



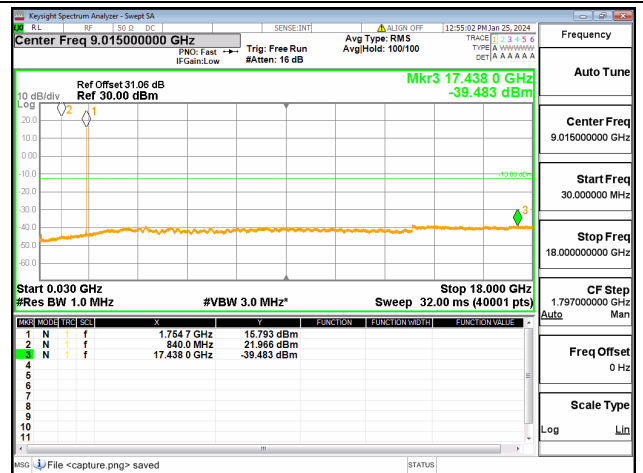
5A-66A / 10+20MHz / QPSK / High+Low CH /  
1@0-1@99



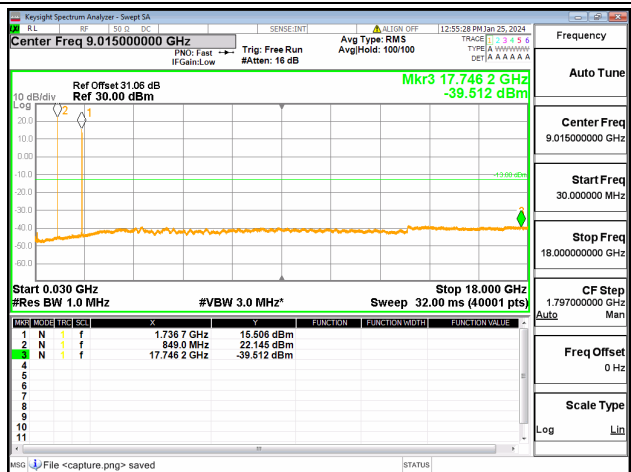
5A-66A / 10+20MHz / QPSK / High+Low CH /  
1@49-1@0



5A-66A / 10+20MHz / QPSK / High+Low CH /  
50@0-100@0



5A-66A / 10+20MHz / QPSK / High+Mid CH /  
1@0-1@99

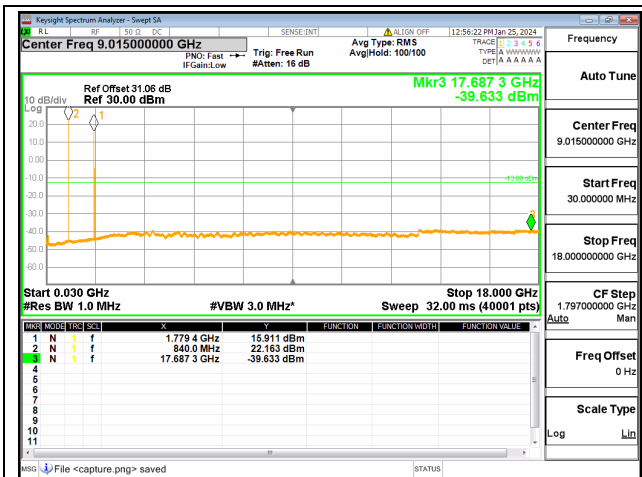


5A-66A / 10+20MHz / QPSK / High+Mid CH /  
1@49-1@0

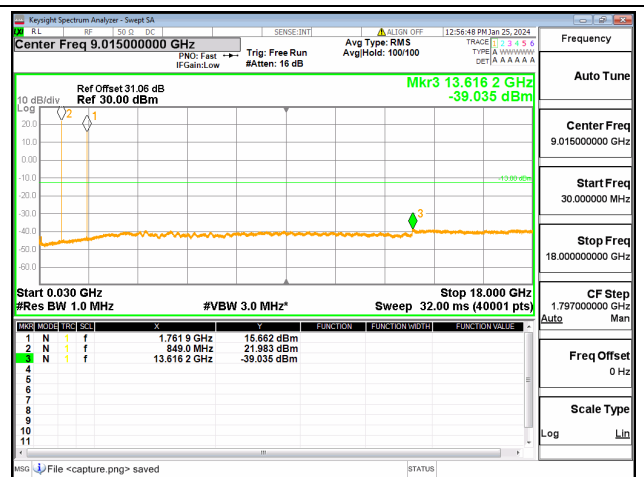


5A-66A / 10+20MHz / QPSK / High+Mid CH /  
50@0-100@0

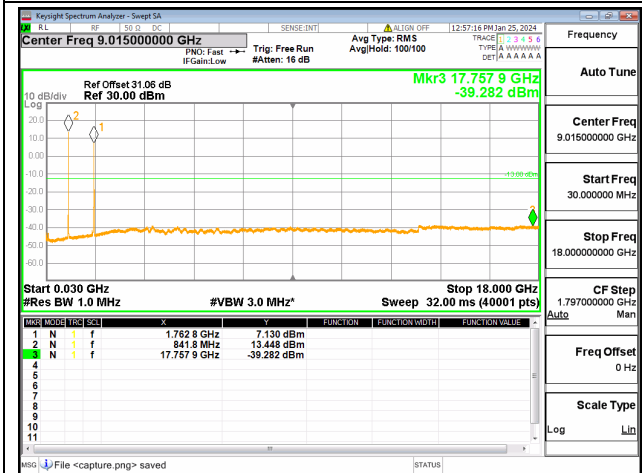




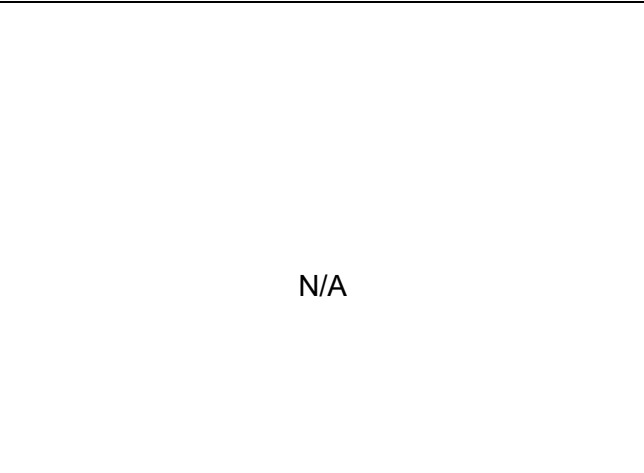
5A-66A / 10+20MHz / QPSK / High+High CH /  
1@0-1@99



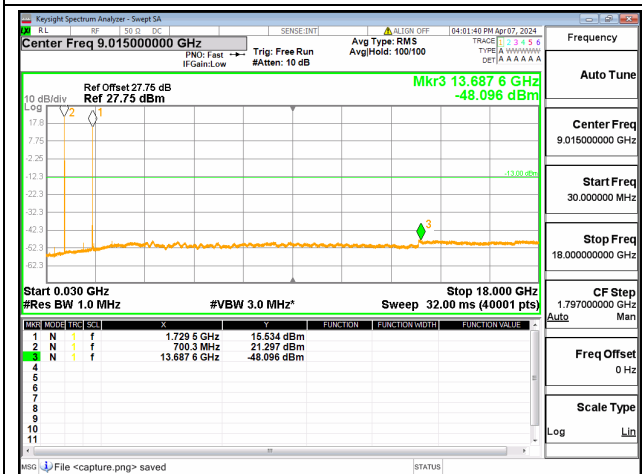
5A-66A / 10+20MHz / QPSK / High+High CH /  
1@49-1@0



5A-66A / 10+20MHz / QPSK / High+High CH /  
50@0-100@0



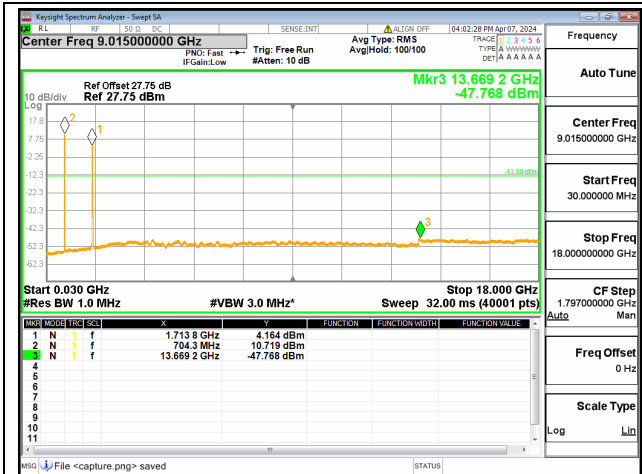
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12A-66A / 10+20MHz / QPSK / Low+Low CH /  
1@0-1@99



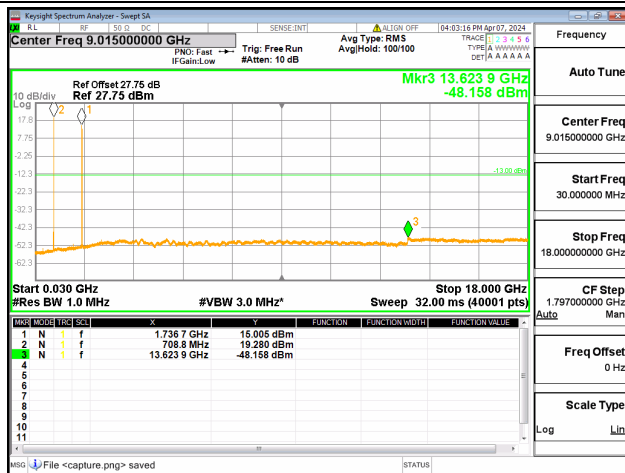
12A-66A / 10+20MHz / QPSK / Low+Low CH /  
1@49-1@0



12A-66A / 10+20MHz / QPSK / Low+Low CH /  
50@0-100@0



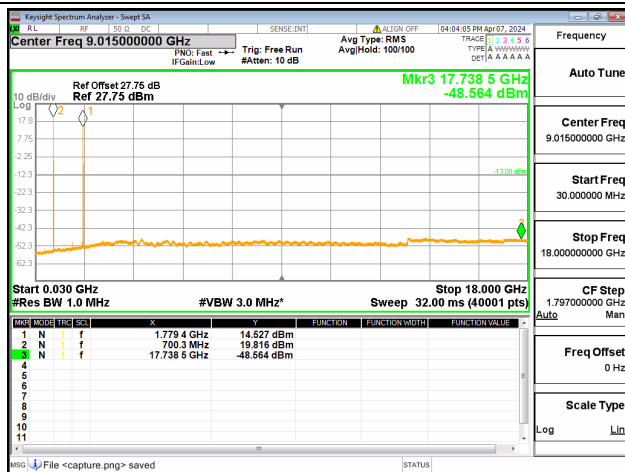
12A-66A / 10+20MHz / QPSK / Low+Mid CH /  
1@0-1@99



12A-66A / 10+20MHz / QPSK / Low+Mid CH /  
1@49-1@0



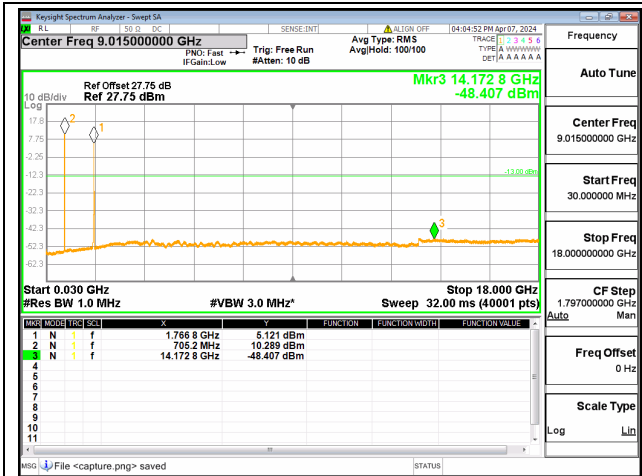
12A-66A / 10+20MHz / QPSK / Low+Mid CH /  
50@0-100@0



12A-66A / 10+20MHz / QPSK / Low+High CH /  
1@0-1@99



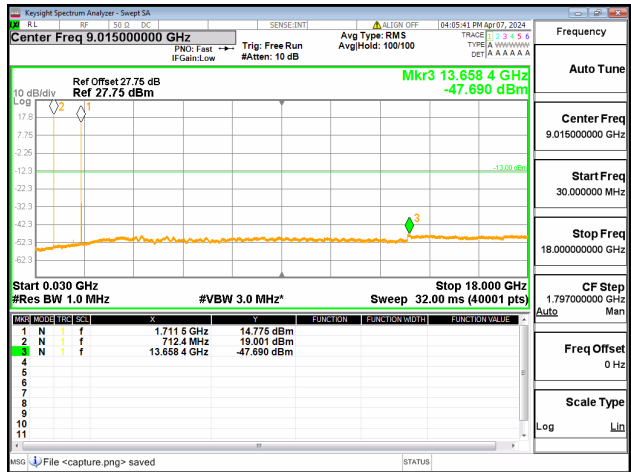
12A-66A / 10+20MHz / QPSK / Low+High CH /  
1@49-1@0



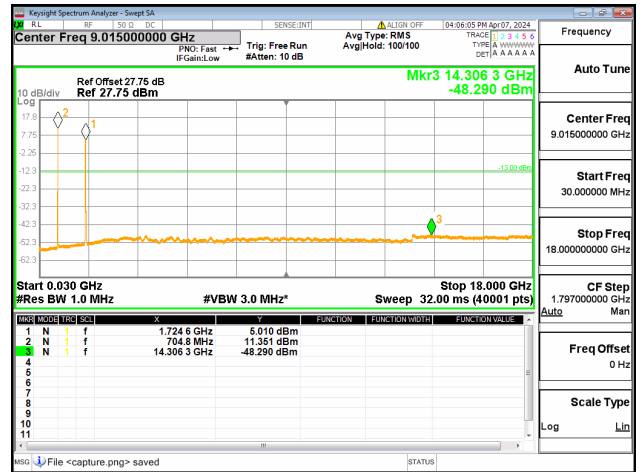
12A-66A / 10+20MHz / QPSK / Low+High CH /  
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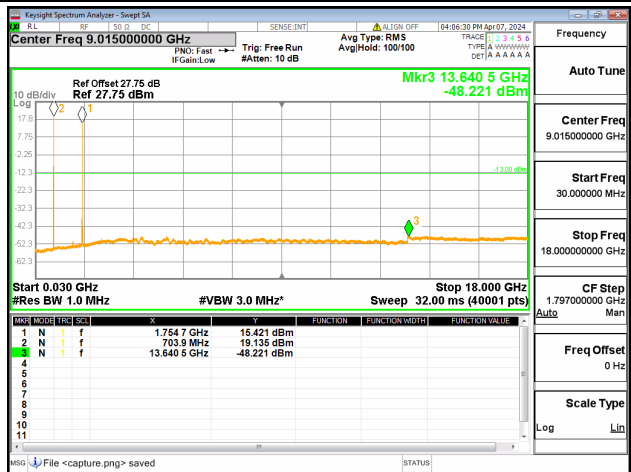
12A-66A / 10+20MHz / QPSK / Mid+Low CH /  
1@0-1@99



12A-66A / 10+20MHz / QPSK / Mid+Low CH /  
1@49-1@0



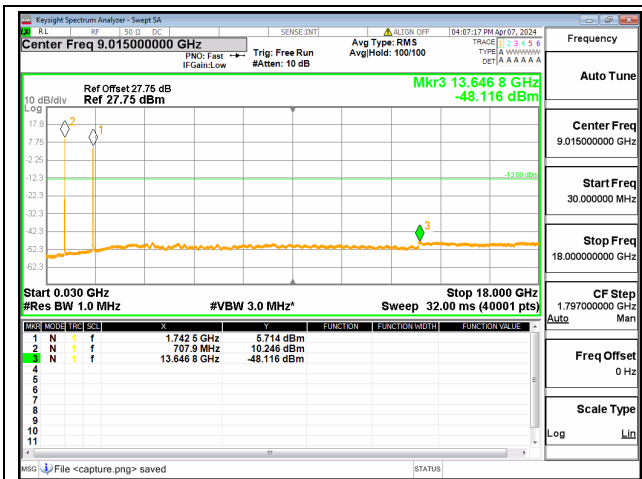
12A-66A / 10+20MHz / QPSK / Mid+Low CH /  
50@0-100@0



12A-66A / 10+20MHz / QPSK / Mid+Mid CH /  
1@0-1@99



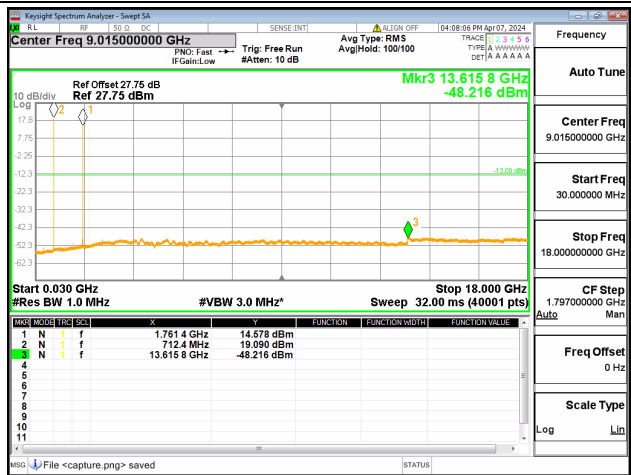
12A-66A / 10+20MHz / QPSK / Mid+Mid CH /  
1@49-1@0



12A-66A / 10+20MHz / QPSK / Mid+Mid CH /  
50@0-100@0



12A-66A / 10+20MHz / QPSK / Mid+High CH /  
1@0-1@99



12A-66A / 10+20MHz / QPSK / Mid+High CH /  
1@49-1@0



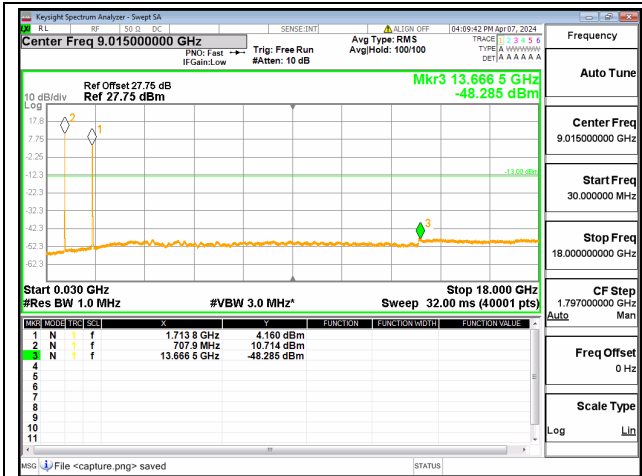
12A-66A / 10+20MHz / QPSK / Mid+High CH /  
50@0-100@0



12A-66A / 10+20MHz / QPSK / High+Low CH /  
1@0-1@99



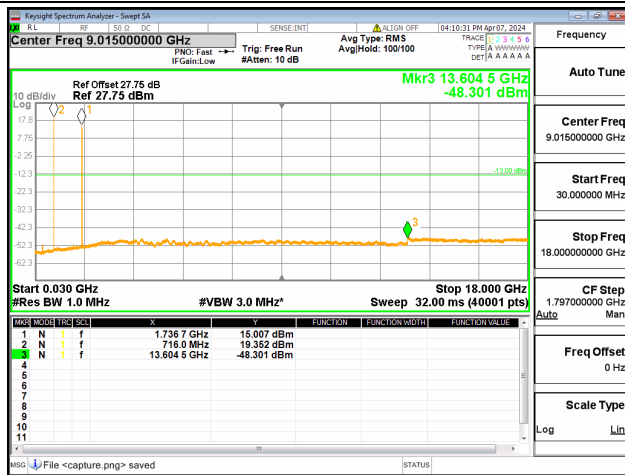
12A-66A / 10+20MHz / QPSK / High+Low CH /  
1@49-1@0



12A-66A / 10+20MHz / QPSK / High+Low CH /  
50@0-100@0



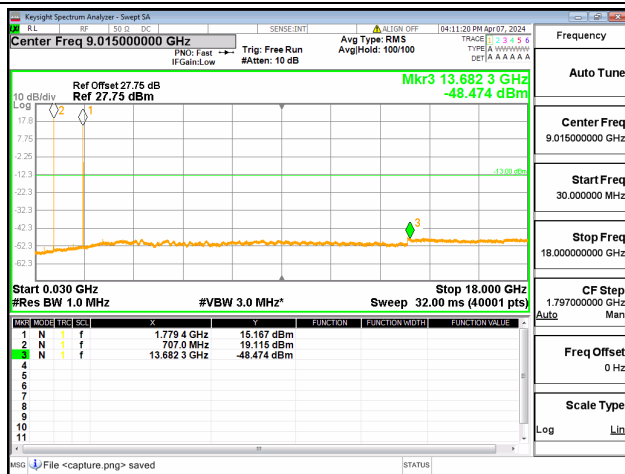
12A-66A / 10+20MHz / QPSK / High+Mid CH /  
1@0-1@99



12A-66A / 10+20MHz / QPSK / High+Mid CH /  
1@49-1@0



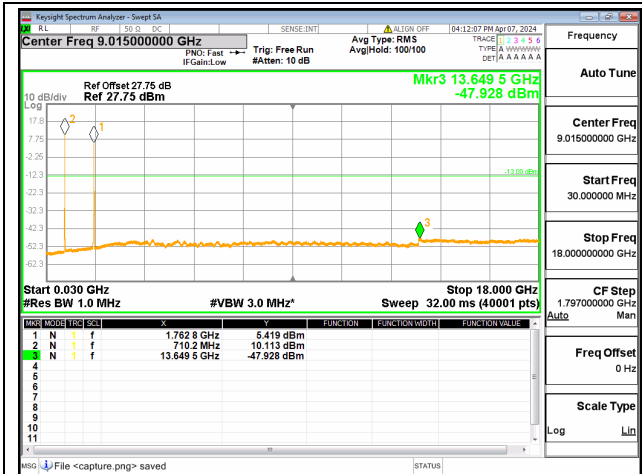
12A-66A / 10+20MHz / QPSK / High+Mid CH /  
50@0-100@0



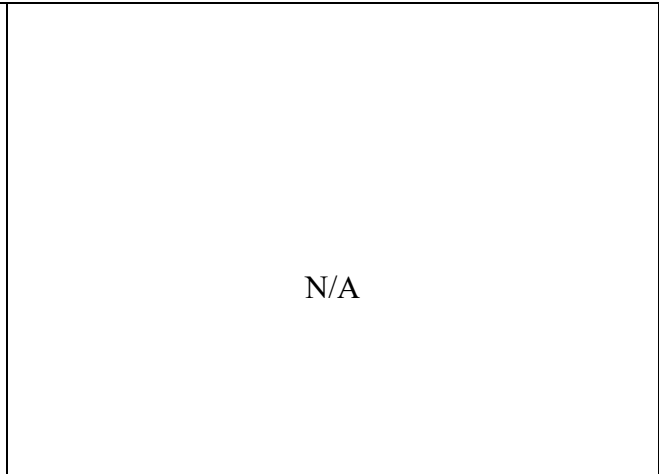
12A-66A / 10+20MHz / QPSK / High+High CH /  
1@0-1@99



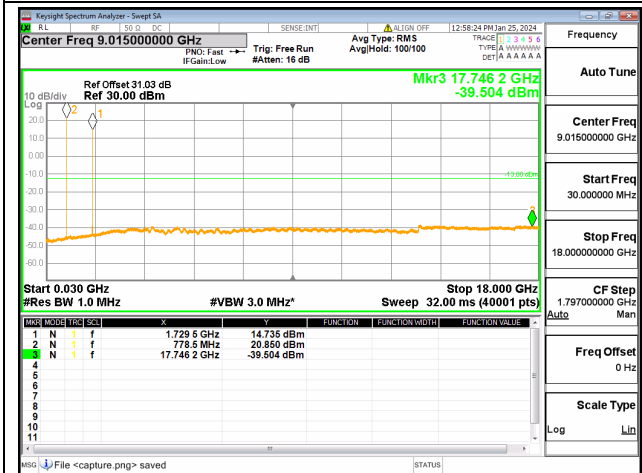
12A-66A / 10+20MHz / QPSK / High+High CH /  
1@49-1@0



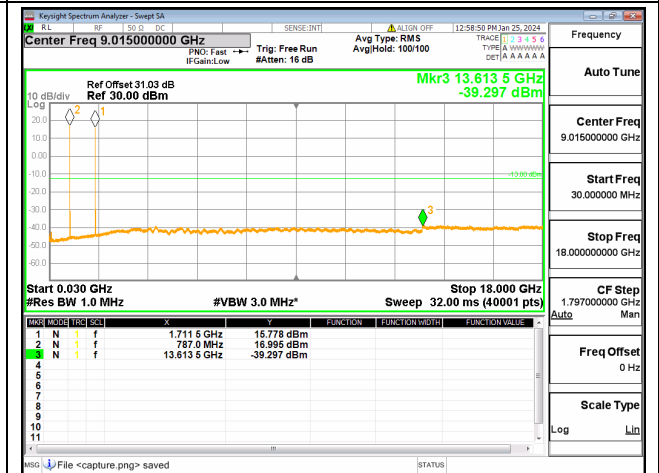
12A-66A / 10+20MHz / QPSK / High+High CH /  
50@0-100@0



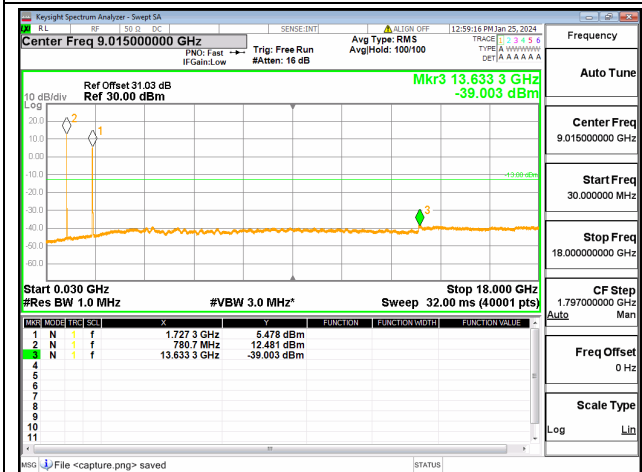
N/A



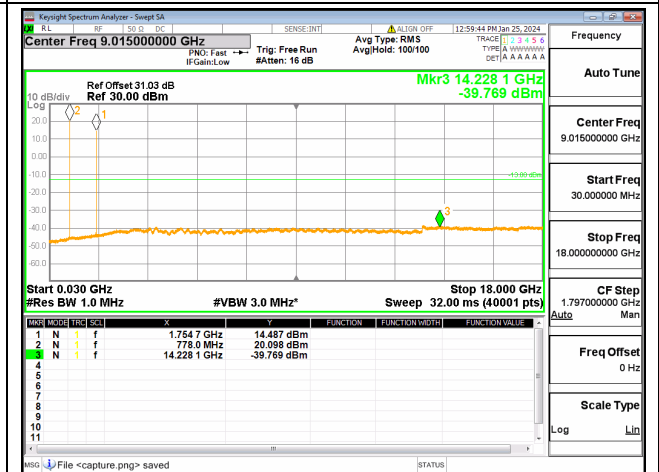
13A-66A / 10+20MHz / QPSK / Low+Low CH /  
1@0-1@99



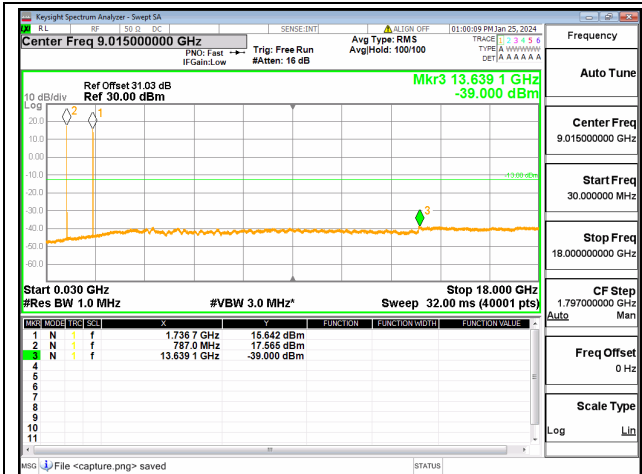
13A-66A / 10+20MHz / QPSK / Low+Low CH /  
1@49-1@0



13A-66A / 10+20MHz / QPSK / Low+Low CH /  
50@0-100@0



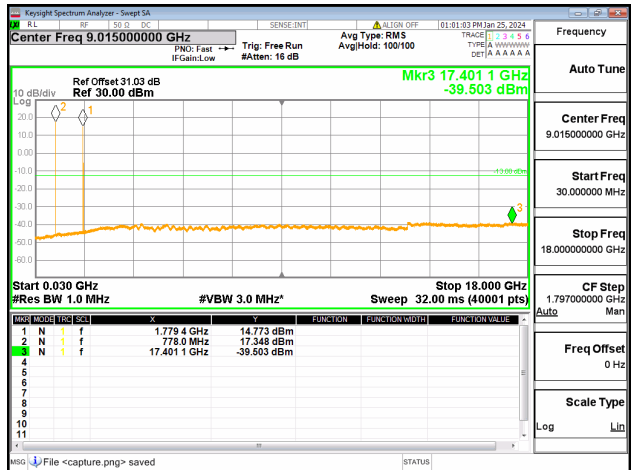
13A-66A / 10+20MHz / QPSK / Low+Mid CH /  
1@0-1@99



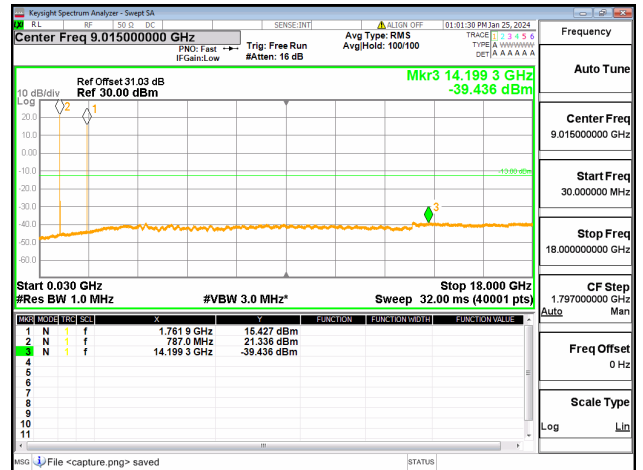
13A-66A / 10+20MHz / QPSK / Low+Mid CH /  
1@49-1@0



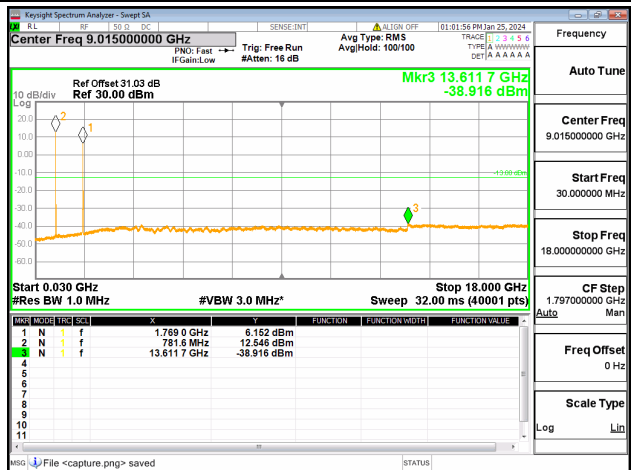
13A-66A / 10+20MHz / QPSK / Low+Mid CH /  
50@0-100@0



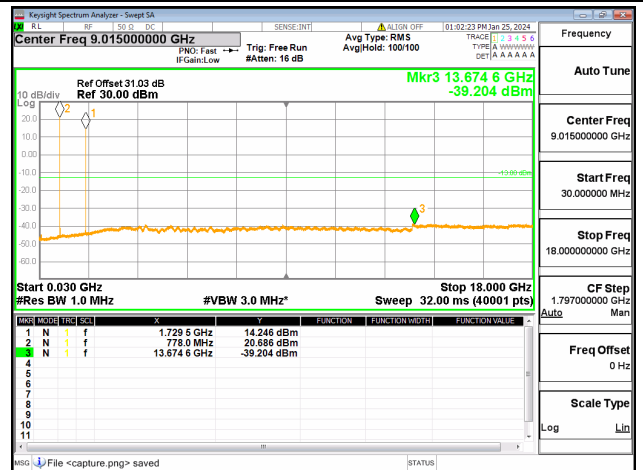
13A-66A / 10+20MHz / QPSK / Low+High CH /  
1@0-1@99



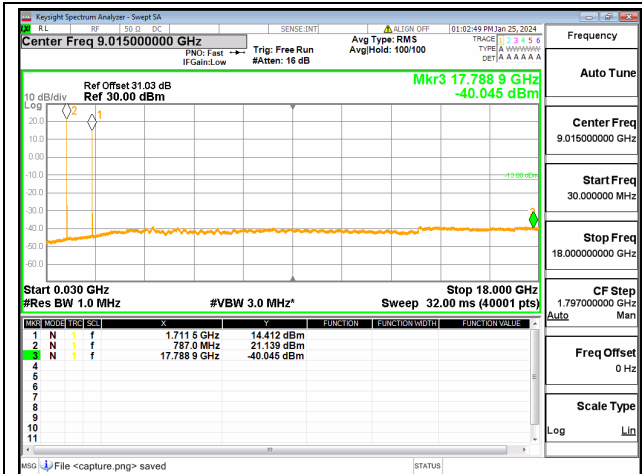
13A-66A / 10+20MHz / QPSK / Low+High CH /  
1@49-1@0



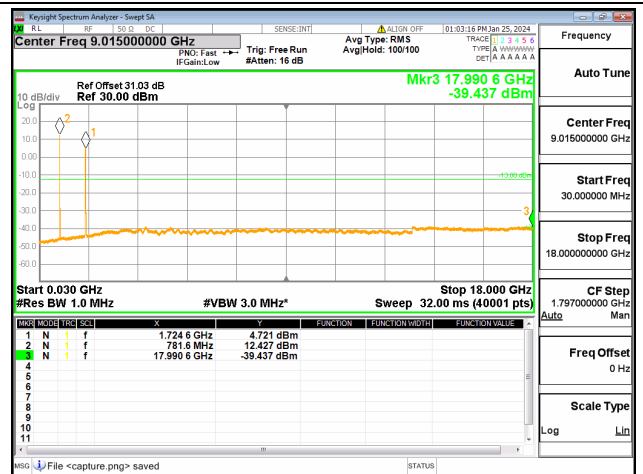
13A-66A / 10+20MHz / QPSK / Low+High CH /  
50@0-100@0



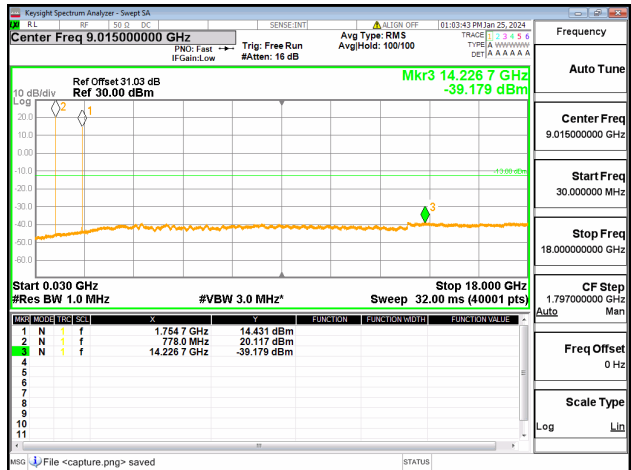
13A-66A / 10+20MHz / QPSK / Mid+Low CH /  
1@0-1@99



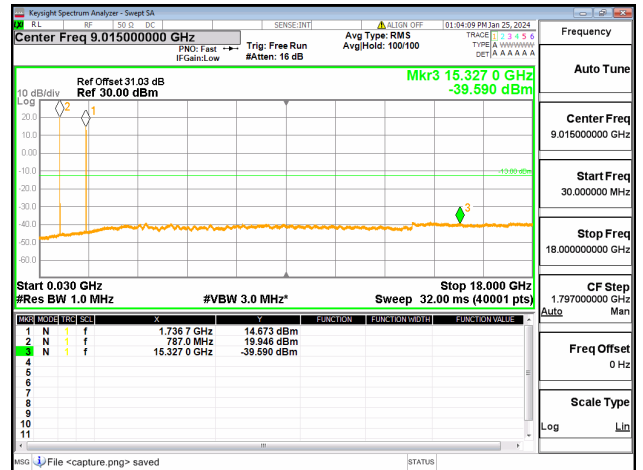
13A-66A / 10+20MHz / QPSK / Mid+Low CH /  
1@49-1@0



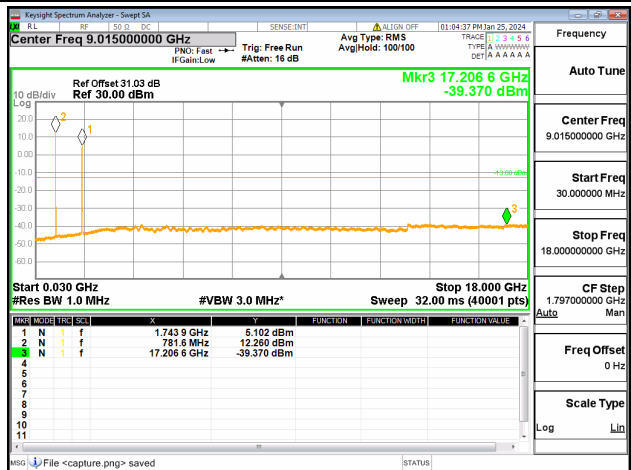
13A-66A / 10+20MHz / QPSK / Mid+Low CH /  
50@0-100@0



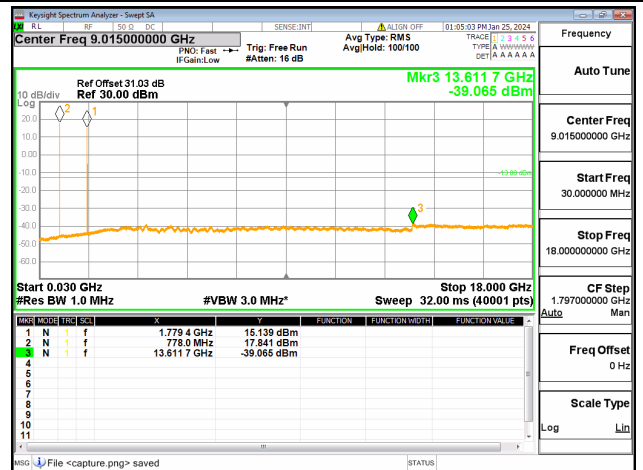
13A-66A / 10+20MHz / QPSK / Mid+Mid CH /  
1@0-1@99



13A-66A / 10+20MHz / QPSK / Mid+Mid CH /  
1@49-1@0

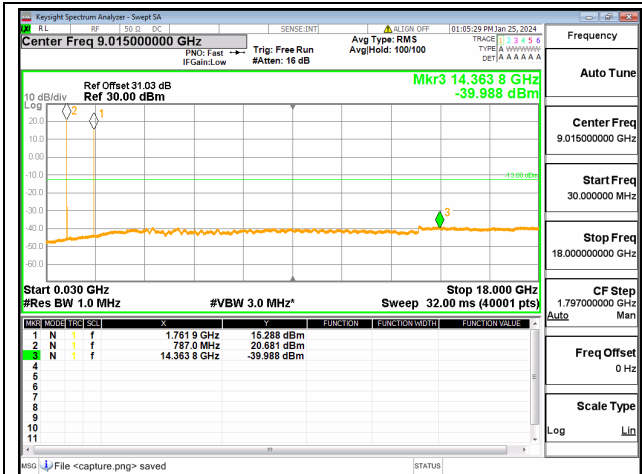


13A-66A / 10+20MHz / QPSK / Mid+Mid CH /  
50@0-100@0



13A-66A / 10+20MHz / QPSK / Mid+High CH /  
1@0-1@99

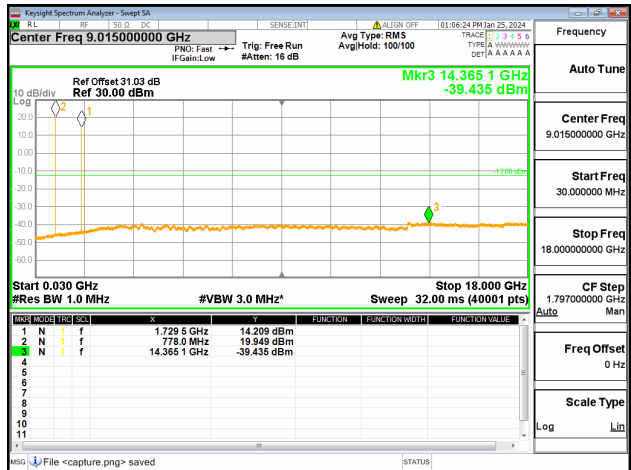




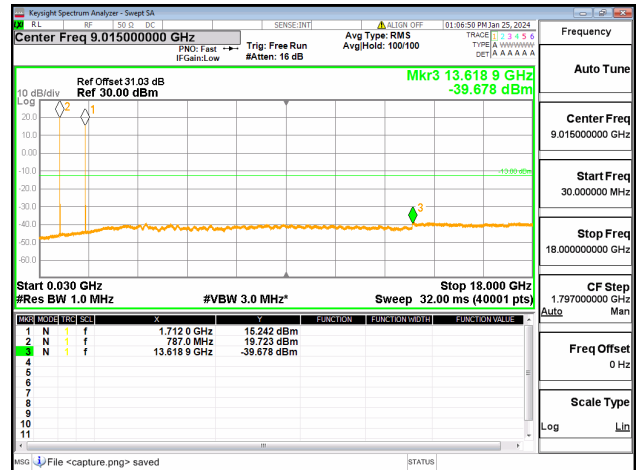
13A-66A / 10+20MHz / QPSK / Mid+High CH /  
1@49-1@0



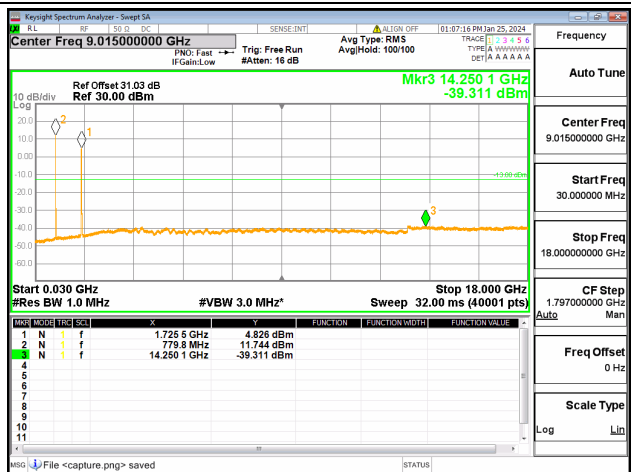
13A-66A / 10+20MHz / QPSK / Mid+High CH /  
50@0-100@0



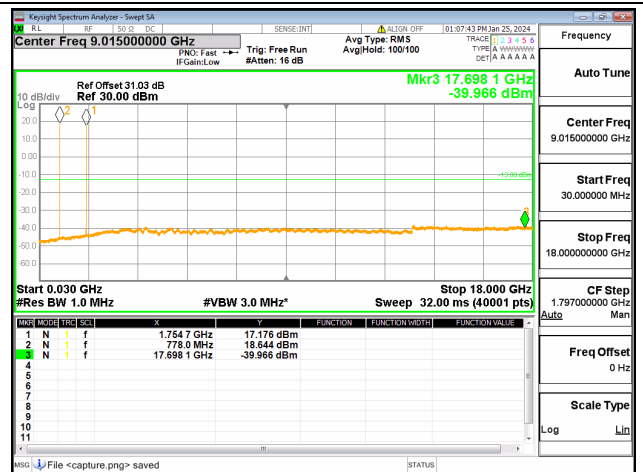
13A-66A / 10+20MHz / QPSK / High+Low CH /  
1@0-1@99



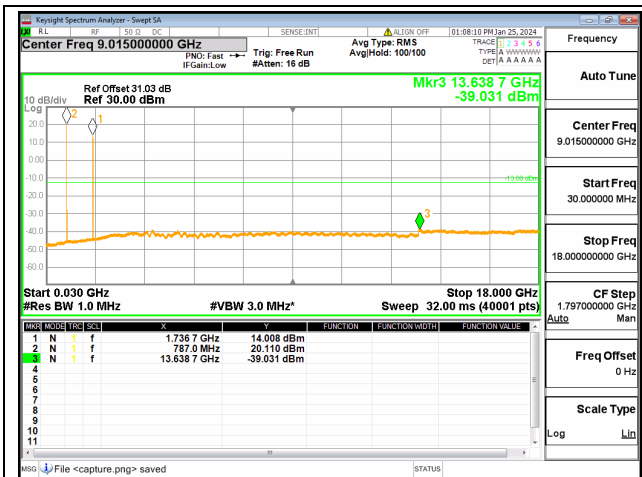
13A-66A / 10+20MHz / QPSK / High+Low CH /  
1@49-1@0



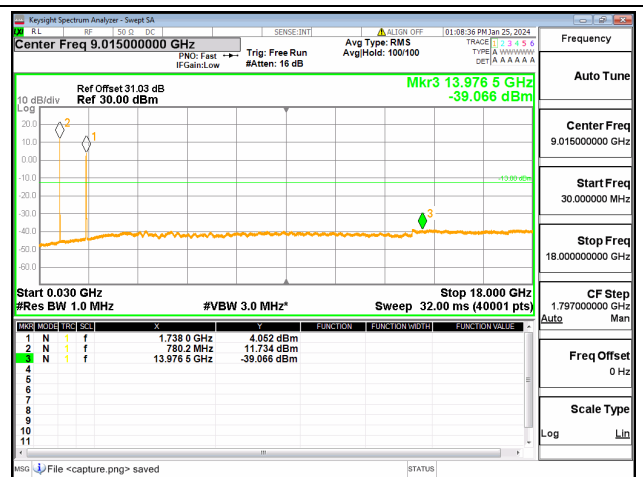
13A-66A / 10+20MHz / QPSK / High+Low CH /  
50@0-100@0



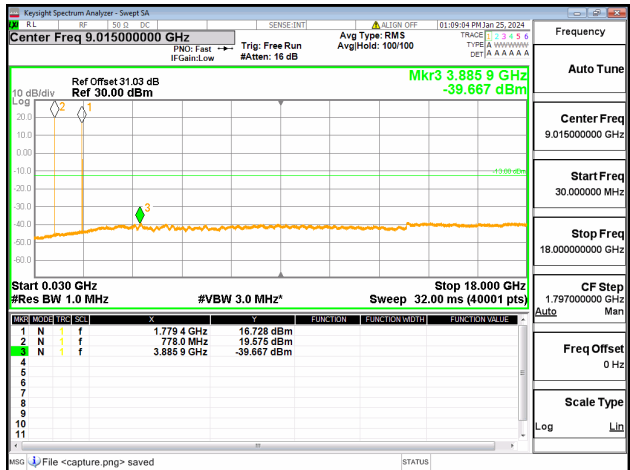
13A-66A / 10+20MHz / QPSK / High+Mid CH /  
1@0-1@99



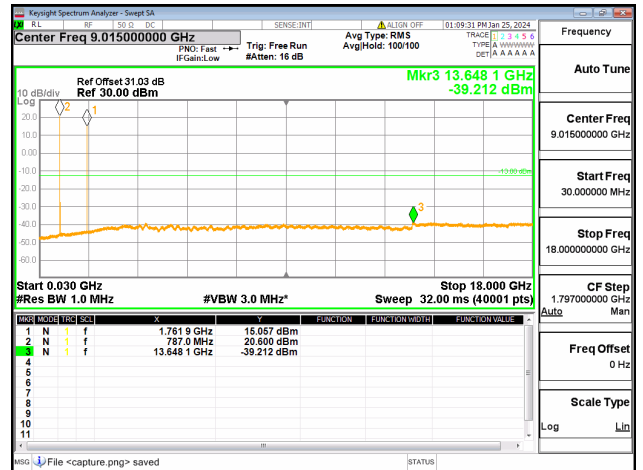
13A-66A / 10+20MHz / QPSK / High+Mid CH /  
1@49-1@0



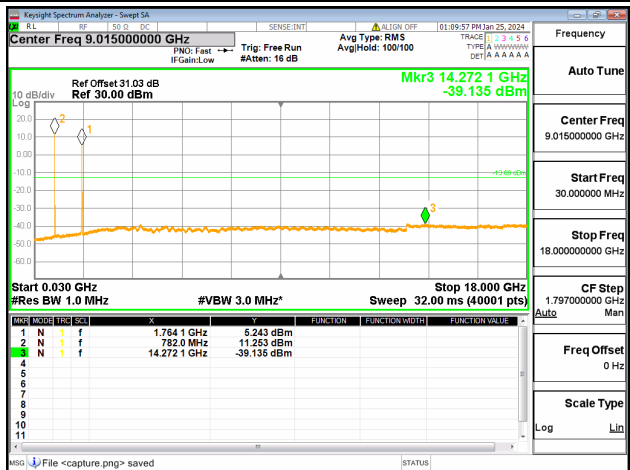
13A-66A / 10+20MHz / QPSK / High+Mid CH /  
50@0-100@0



13A-66A / 10+20MHz / QPSK / High+High CH /  
1@0-1@99



13A-66A / 10+20MHz / QPSK / High+High CH /  
1@49-1@0



13A-66A / 10+20MHz / QPSK / High+High CH /  
50@0-100@0

N/A



REPORT No.: SZ23110216W09



## 2.5. Band Edge

### 2.5.1. Requirement

#### Band 2

According to FCC section 24.238(a), for operations in the 1850–1910MHz bands, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dBm a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

#### Band 4, 66

According to FCC section 27.53(h), for operations in the 1710–1755MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10}(P)$  dBm 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

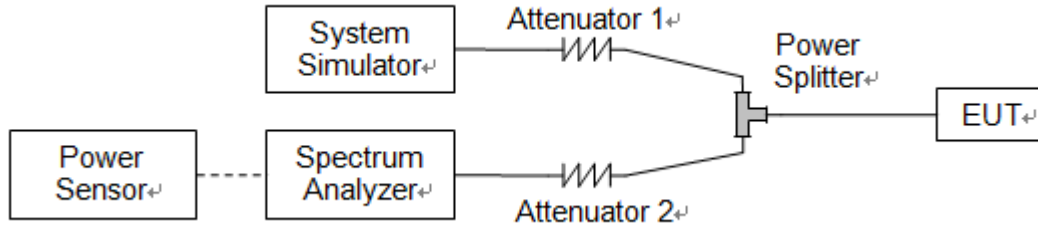
#### Band 5

According to FCC section 22.917(a), for operations in the 824–849MHz bands, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dBm a 100kHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

#### Band 13

According to FCC section 27.53(c)(2), any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB in a 100kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed.

### 2.5.2. Test Description

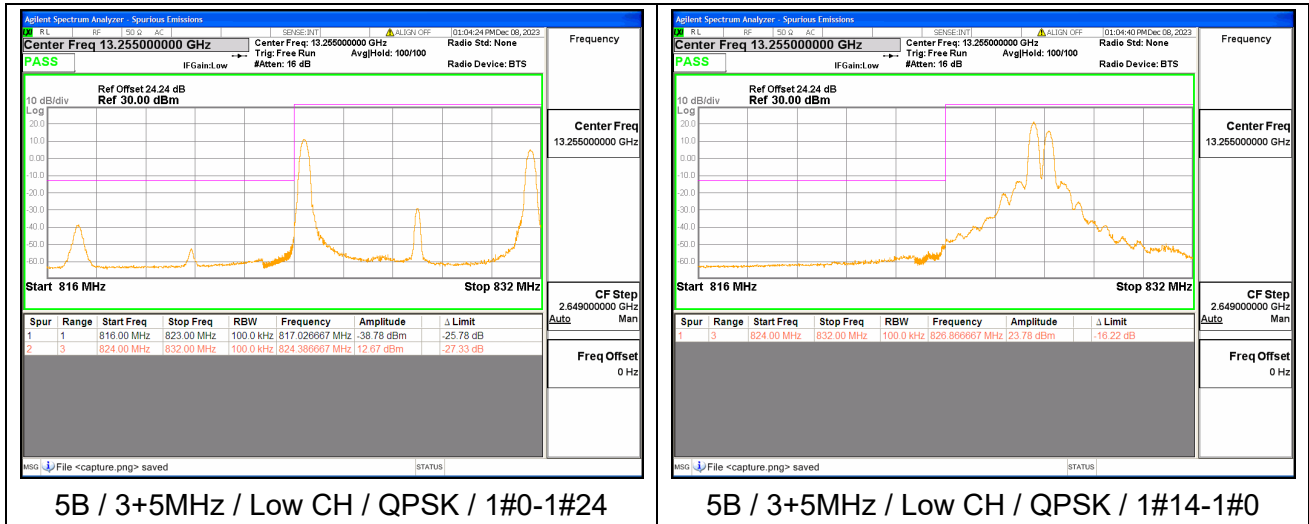


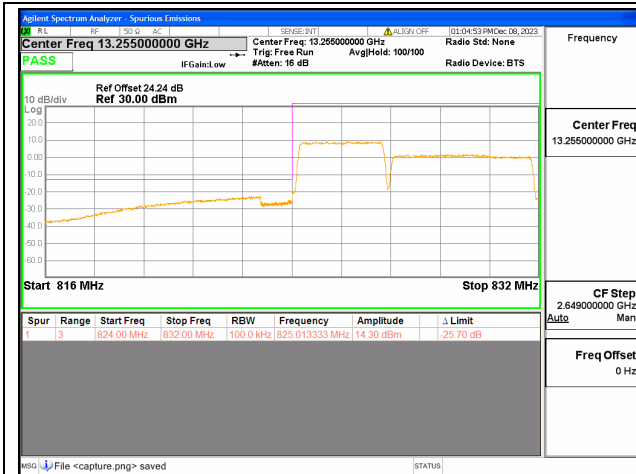
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.5.3. Test Procedure

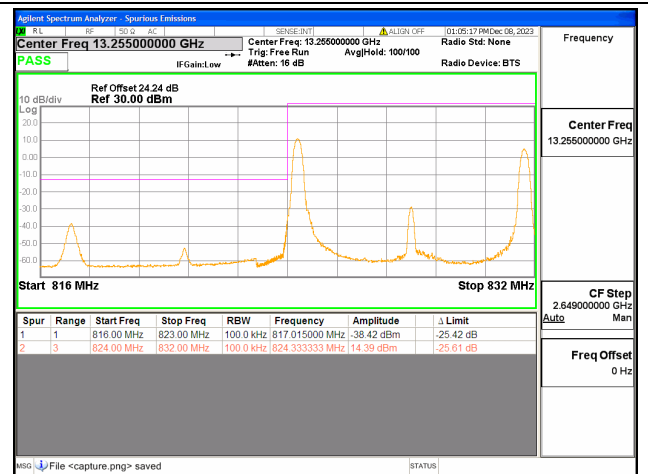
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

### 2.5.4. Test Result

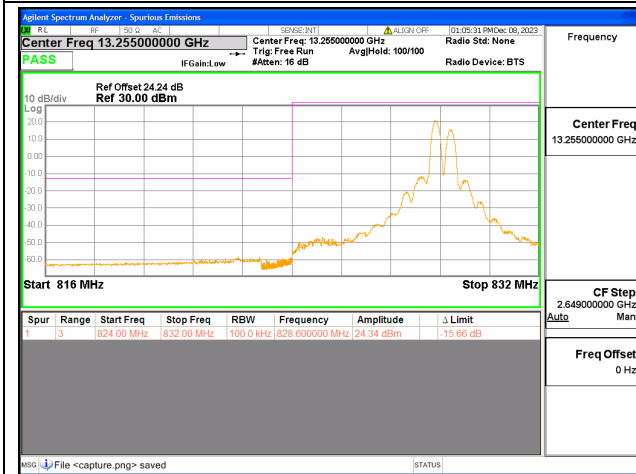




5B / 3+5MHz / Low CH / QPSK / 15#0-25#0



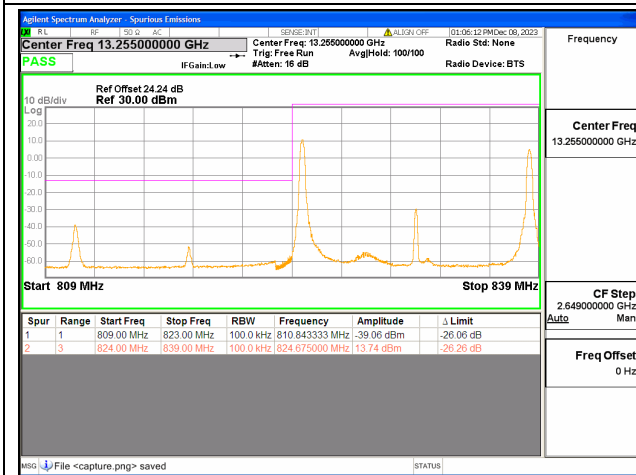
5B / 5+3MHz / Low CH / QPSK / 1#0-1#14



5B / 5+3MHz / Low CH / QPSK / 1#24-1#0



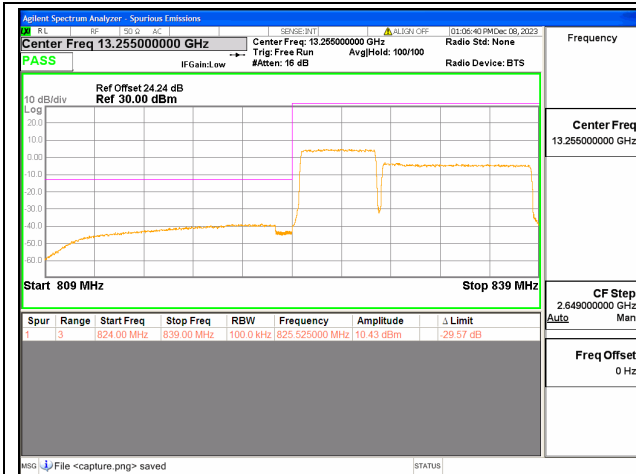
5B / 5+3MHz / Low CH / QPSK / 25#0-15#0



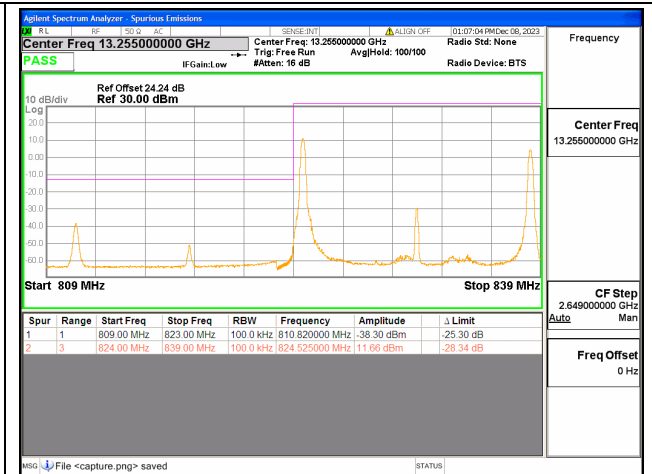
5B / 5+10MHz / Low CH / QPSK / 1#0-1#49



5B / 5+10MHz / Low CH / QPSK / 1#24-1#0



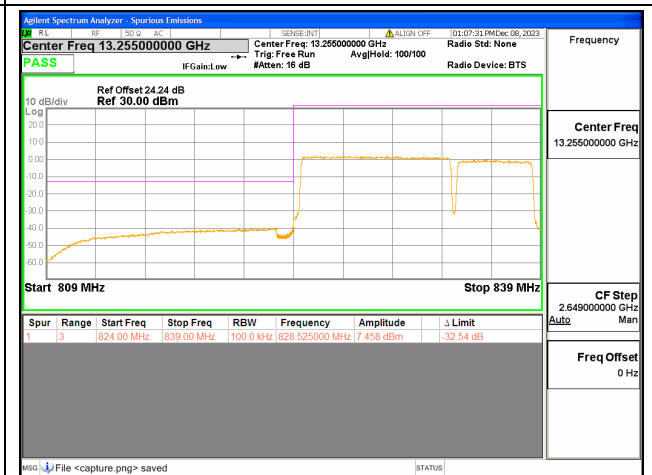
5B / 5+10MHz / Low CH / QPSK / 25#0-50#0



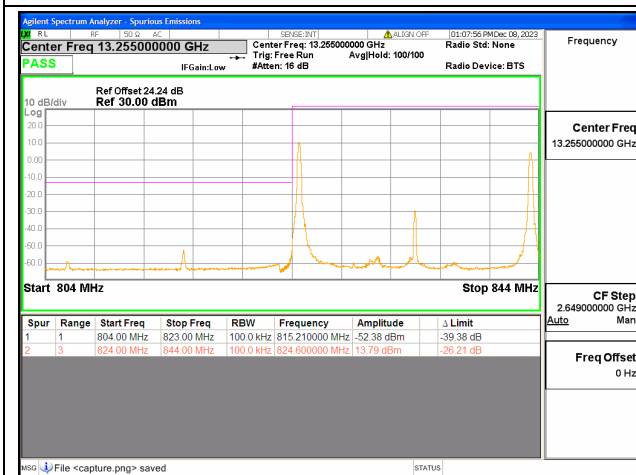
5B / 10+5MHz / Low CH / QPSK / 1#0-1#24



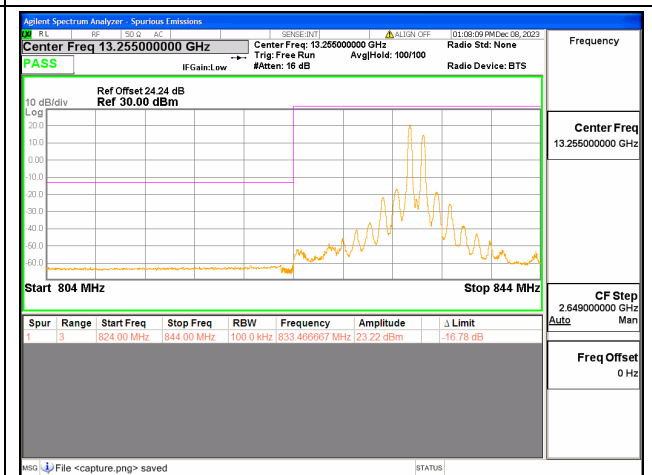
5B / 10+5MHz / Low CH / QPSK / 1#49-1#0



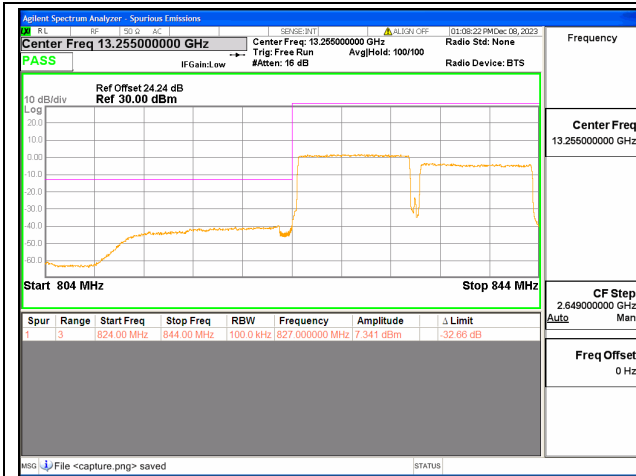
5B / 10+5MHz / Low CH / QPSK / 50#0-25#0



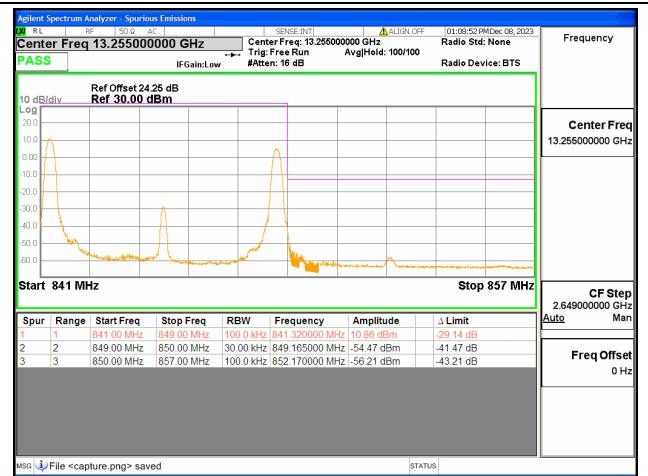
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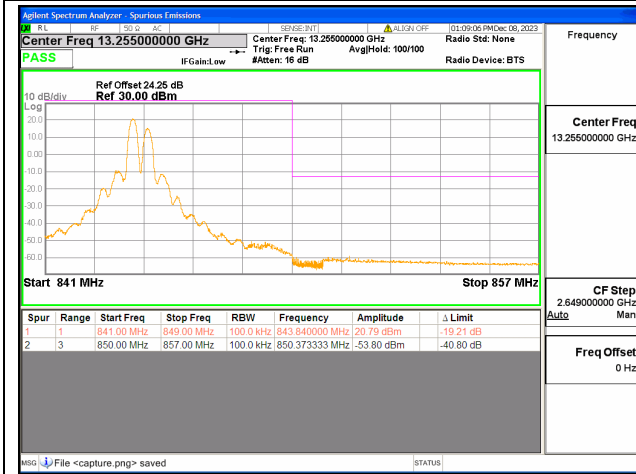
5B / 10+10MHz / Low CH / QPSK / 1#49-1#0



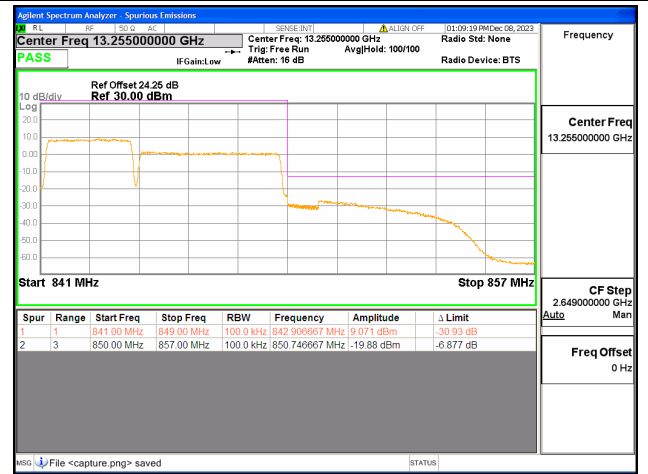
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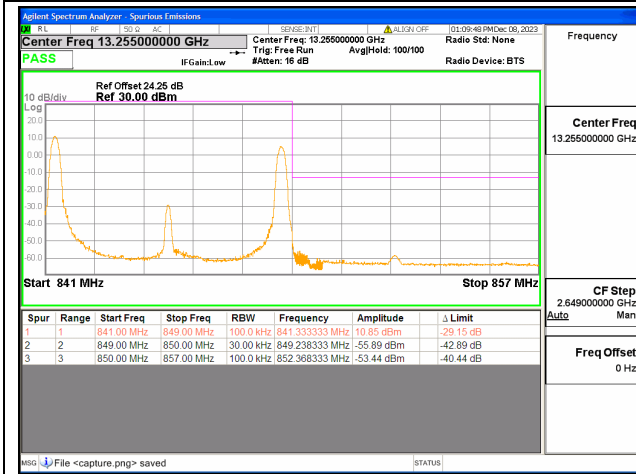
5B / 3+5MHz / High CH / QPSK / 1#0-1#24



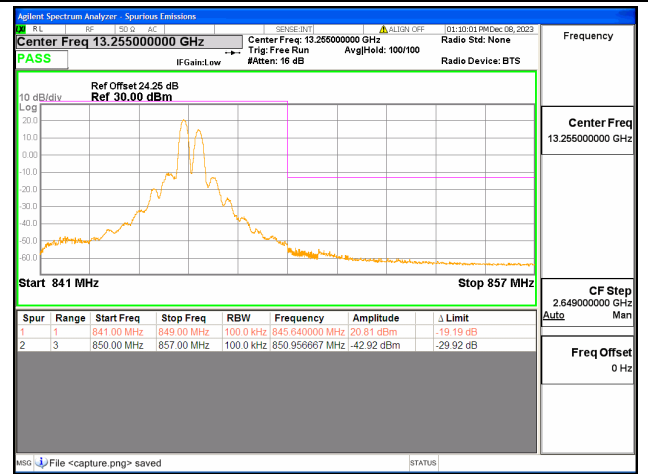
5B / 3+5MHz / High CH / QPSK / 1#14-1#0



5B / 3+5MHz / High CH / QPSK / 15#0-25#0



5B / 5+3MHz / High CH / QPSK / 1#0-1#14



5B / 5+3MHz / High CH / QPSK / 1#24-1#0